

LISTING OF CLAIMS

This Listing of Claims replaces all prior versions and listings of the claims in this application.

1. (currently amended) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:
monitoring a temperature external to the transceiver which ~~can be felt by a user of the transceiver and thereby~~ has a direct effect on the comfort of ~~[[the]]~~ a user of the transceiver; and
controlling a number of time slots allocated for transmissions from said transceiver in response to the monitored temperature.

2. (currently amended) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:
monitoring a temperature external to the transceiver which ~~can be felt by a user of the transceiver and thereby~~ has a direct effect on the comfort of ~~[[the]]~~ a user of the transceiver; and
controlling a number of time slots allocated for receiving transmissions in said transmitter in response to the monitored temperature.

3. (previously presented) A method as claimed in claim 1, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a casing of the device.

4. (previously presented) A method as claimed in claim 1, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a display of the device.

5. (previously presented) A method as claimed in claim 1, wherein the transceiver forms part of a mobile battery-powered communications device, and the temperature is a temperature of the battery of the device.

6. (previously presented) A method as claimed in claim 1, wherein the number of allocated slots is controlled by sending a message to the radiocommunication system.

7. (currently amended) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

a temperature sensor for monitoring a temperature external to the transceiver which ~~can be felt by a user of the device and thereby~~ has a direct effect on the comfort of ~~[[the]]~~ a user of the device; and

a controller for controlling a number of time slots allocated for transmissions ~~from~~ said transceiver in response to the monitored temperature.

8. (currently amended) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

a temperature sensor for monitoring a temperature external to the transceiver which ~~can be felt by a user of the device and thereby~~ has a direct effect on the comfort of ~~[[the]]~~ a user of the device; and

a controller for controlling a number of time slots allocated for receiving transmissions in said transceiver in response to the monitored temperature.

9. (previously presented) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:

monitoring a temperature within the transceiver;

controlling the internal operation of the transceiver in response to the measured temperature; and

also controlling a number of time slots allocated for transmissions from said transceiver in response to the same monitored temperature.

10. (previously presented) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:

monitoring a temperature within the transceiver;

controlling the internal operation of the transceiver in response to the measured temperature; and

also controlling a number of time slots allocated for receiving transmissions in said transceiver in response to the same monitored temperature.

11. (previously presented) A method as claimed in claim 9, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a crystal oscillator within the device, and is used to compensate for variations in the performance thereof.

12. (previously presented) A method as claimed in claim 9, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a display of the device, and is used to control said display.

13. (previously presented) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

a single temperature sensor for monitoring a temperature within the device; and
at least one controller for controlling the internal operation of the device and a number of time slots allocated for transmissions from said transceiver in response to the same monitored temperature.

14. (previously presented) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

a single temperature sensor for monitoring a temperature within the device; and
at least one controller for controlling the internal operation of the device and a number of time slots allocated for receiving transmissions in said transceiver in response to the same monitored temperature.

15. (previously presented) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:

monitoring a battery capacity of the transceiver; and
controlling a number of time slots allocated for transmissions from said transceiver in response to the monitored battery capacity.

16. (previously presented) A method of operating a radio transceiver operating in a radiocommunication system defining a plurality of time slots, the method comprising:

monitoring a battery capacity of the transceiver; and
controlling a number of time slots allocated for receiving transmissions in said transceiver in response to the monitored battery capacity.

17. (previously presented) A method as claimed in claim 15, wherein the battery capacity is measured directly.

18. (previously presented) A method as claimed in claim 15, wherein the battery capacity is estimated indirectly.

19. (original) A method as claimed in claim 18, wherein the battery capacity is estimated on the basis of a measure of past use.

20. (original) A method as claimed in claim 18, wherein the battery capacity is estimated on the basis of a measured temperature thereof.

21. (original) A method as claimed in claim 19, wherein the measure of past use is the number of time slots in which the transceiver has transmitted data.

22. (original) A method as claimed in claim 19, wherein the measure of past use is the past current consumption of at least a part of the transceiver.

23. (previously presented) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

means for determining a battery capacity of the device; and

at least one controller for controlling a number of time slots allocated for transmissions from said transceiver in response to the determined battery capacity.

24. (previously presented) A radiocommunications device comprising a radio transceiver operable in a radiocommunication system defining a plurality of time slots, the device comprising:

means for determining a battery capacity of the device; and

at least one controller for controlling a number of time slots allocated for receiving transmissions in said transceiver in response to the determined battery capacity.

25. (canceled)

26. (canceled)

27. (canceled)

28. (canceled)

29. (canceled)

30. (canceled)

31. (canceled)

32. (new) The method of claim 1, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a keypad of the device.

33. (new) The method of claim 2, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of a casing of the transceiver.

34. (new) The method of claim 2, wherein the transceiver forms part of a mobile communications device, and the temperature is a temperature of at least one of a display and a keypad of the device.

35. (new) The device of claim 7, wherein the temperature sensor monitors a temperature of a casing of the device.

36. (new) The device of claim 7, wherein the temperature sensor monitors a temperature of at least one of a display and a keypad of the device.

37. (new) The device of claim 8, wherein the temperature sensor monitors a temperature of at least one of a display and a keypad of the device.

38. (new) The device of claim 8, wherein the temperature sensor monitors a temperature of at least one of a display and a keypad of the device.